

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model
 Run on: February 9, 2005, 08:45:53 ; Search time 0.001 Seconds
 (without alignments)
 749.952 Million cell updates/sec

Title: US-09-824-134-1
 Perfect score: 186
 Sequence: 1 TGGAGAAGGCTGGCTCGTCA.....CCTGCCAGATGAACTCTGTG 186

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 0.5

Searched: 1 seqs, 2016 residues

Total number of hits satisfying Chosen parameters: 2

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing First 45 summaries

Database : US09758003.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	15.6	8.4	2016	1	US-09-758-003-1 Sequence 1, Appli
c	2	14	7.5	2016	1

ALIGNMENTS

RESULT 1
 US-09-758-003-1
 Sequence 1, Application US/09758003

GENERAL INFORMATION:
 APPLICANT: BAICHWAL, VIJAY R
 HUANG, JIANNING
 HSU, HAILING

TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS

NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP

STREET: 75 DENISE DRIVE
 CITY: HILLSBOROUGH
 STATE: CALIFORNIA
 ZIP: 94010

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/758,003

ATTORNEY/AGENT INFORMATION:
 NAME: OSMAN, RICHARD A.
 ZIP: 94010

REGISTRATION NUMBER: 36,627
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 343-4341
 TELEXFAX: (650) 343-4342

INFORMATION FOR SEQ ID NO: 1:
 APPLICATION NUMBER: US/09/758,003

FILING DATE: 09-Jan-2001
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/132,118
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: OSMAN, RICHARD A.
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: T95-006-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 343-4341
 TELEXFAX: (650) 343-4342
 INFORMATION FOR SEQ ID NO: 1:
 LOCATION: 1-2013
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-758-003-1
 Query Match 8.4%; Score 15.6%; DB 1; Length 2016;
 Best Local Similarity 63.2%; Pred. No. 0;
 Matches 24; Conservative 0; Mismatches 14; Indels 0;
 Gaps 0;
 Qy 575 CACTGAGAACTGGAGAACAGAGAAAGGAAACCCA 612
 Db 1197 CAGACAGAAATGTTACACAGAGGAAAGGA 1234
 RESULT 2
 US-09-758-003-1/c
 Sequence 1, Application US/09758003
 GENERAL INFORMATION:
 APPLICANT: BAICHWAL, VIJAY R
 HUANG, JIANNING
 HSU, HAILING
 GOEDDEL, DAVID V
 TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP

SEQUENCE CHARACTERISTICS:
LENGTH: 2016 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..2013
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
us-09-758-003-1

Query Match 7.5%; Score 14; DB 1; Length 2016;
Best Local Similarity 60.5%; Pred. No 0;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

Qy	499	CTCAAAGTCTAGACCAAGATCGACAGCATCGAGGA	536
Db	87	CCCAAAGCTCCGCTGTCAGTTCTGCACTCTCAGGA	50

Search completed: February 9, 2005, 08:45:53
Job time : 0.001 secs

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OM protein - nucleic search, using frame_plus_p2n model
 Run on: February 9, 2005, 09:04:15 ; Search time 0.001 Seconds
 (without alignments)
 1032.192 Million cell updates/sec

Title: US-09-824-134-2
 Perfect score: 1302
 Sequence: 1 VNQAPCRFGGGILGPLGKR.....RSGAMSPMSNNSDAATSEAS 256

Scoring table: BLOSUM62
 Xgapop 10.0 , Xgapext 0.5
 Ygapop 10.0 , Ygapext 0.5
 Fgapop 6.0 , Fgapext 7.0
 Delop 6.0 , Delext 7.0

Searched: 1 seqs, 2016 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Command line parameters:
 -MODEL=frame+_p2n.model -DEV=soft -Q-US09824134.ped -DB-US09758003.seq
 -SEQUENCE=p2n -OUT=US09824134-2 -LOOPEXT=0
 -UNITS=bits -START=1 -END=1 -MINMATCH=0 -TRANS=human40_cdi -LIST=5
 -DOALIGN=200 -THR SCORE=pet -THR MAX=100 -THR MIN=0
 -ALIGN=15 -NODE=LOCAL
 -OUTFILE=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000 -NCPU=6
 -NO_XPLXX -NFGAP=0 -LONGLOG -THREADES=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELEOP=6 -DELEOP=7
 Database : US09758003.seq *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	111.5	8.6	2016	1	US-09-758-003-1	Sequence 1, Appli
c 2	48	3.7	2016	1	US-09-758-003-1	Sequence 1, Appli

ALIGNMENTS

Result 1	US-09-758-003-1	Sequence 1, Application US/09758003	GENERAL INFORMATION:
		APPLICANT: BAICHWAL, VIJAY R	Applicant: BAICHWAL, VIJAY R
		HUANG, JIANING	HUANG, JIANING
		HSU, HAILING	HSU, HAILING
		GOEDDEL, DAVID V	GOEDDEL, DAVID V
		TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS	TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS
		NUMBER OF SEQUENCES: 2	NUMBER OF SEQUENCES: 2
		CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:
		ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP	ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
		STREET: 75 DENISE DRIVE	STREET: 75 DENISE DRIVE

CITY: HILLSBOROUGH
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94010
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09-758,003
 FILING DATE: 09-Jan-2001
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/132,118
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: OSMAN, RICHARD A.
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: T95-006-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 343-4341
 TELEFAX: (650) 343-4342
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2016 base pairs
 STRANDBEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cdNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..2013
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-758-003-1
 Alignment Scores:
 Pred. No.: 0 Score: 111.50 Length: 2016
 Percent Similarity: 61.04% Matches: 28
 Best Local Similarity: 36.36% Conservative: 19
 Query Match: 8.56% Mismatches: 27
 DB: 1 DB: 1 Gaps: 3
 US-09-824-134-2 (1-256) x US-09-758-003-1 (1-2016)
 Qy 152 IleCysAspAsnValGlyLysAspTrpArgArgLeuAlaArgGlnLeuLysValSerAsp 171
 Db 1768 ATCAGGGAAAATCTGGAAAGCCTAACTGGCTTCACAG 1827
 Alignment Scores:
 Pred. No.: 0 Score: 111.50 Length: 2016
 Percent Similarity: 61.04% Matches: 28
 Best Local Similarity: 36.36% Conservative: 19
 Query Match: 8.56% Mismatches: 27
 DB: 1 DB: 1 Gaps: 3
 US-09-824-134-2 (1-256) x US-09-758-003-1 (1-2016)
 Qy 172 ThrLysIleAspSerIleGluAspArgTyrTyrArgAsn--LeuThrGluArgValArg 190
 Db 1828 TCTAGATTTGATGAAATTGACCATGACTATGAGGAGATGAGTAAAGGTTAC 1887
 Alignment Scores:
 Pred. No.: 0 Score: 111.50 Length: 2016
 Percent Similarity: 61.04% Matches: 28
 Best Local Similarity: 36.36% Conservative: 19
 Query Match: 8.56% Mismatches: 27
 DB: 1 DB: 1 Gaps: 3
 US-09-824-134-2 (1-256) x US-09-758-003-1 (1-2016)
 Qy 191 GluSerLeuArgIleIleTrpLysAsnThrGluLys--GluAsnAlaThrValAlaHisLeu 209
 Db 1888 CAGATGCTCAAAGTGGTGTAGGGAAAGCCATAAGGGCAGCTGGAAAGCTG 1947
 RESULT 2
 US-09-758-003-1/C
 Sequence 1, Application US/09758003
 GENERAL INFORMATION:
 APPLICANT: BAICHWAL, VIJAY R
 HUANG, JIANING
 HSU, HAILING
 GOEDDEL, DAVID V
 TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
 STREET: 75 DENISE DRIVE

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/132,118

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: OSMAN, RICHARD A.

REGISTRATION NUMBER: 36,627

REFERENCE/DOCKET NUMBER: T95-006-1.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 343-4341

TELEFAX: (650) 343-4342

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 671 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-758-003-2

Query Match 18.8%; Score 111.5; DB 1; Length 671;

Best Local Similarity 36.4%; Pred. No. 0;

Matches 28; Conservative 19; Mismatches 27; Indels 3; Gaps 2.

Qy 152 ICDDVGDWRLAROLKVSDDTKISIEDRYPRN-LITERVRESLRWKNTBK-ENATVAHL 201

Db 590 IRENUGKHWKNCARKLGFIQSQIDBDHGYERDGLKEVYQMLQKWMREGIKGATVGKL 641

Qy 210 VGALRSC-QMNLVADLV 225

Db 650 AQALHQCSRIDLSSLI 666

Search completed: February 9, 2005, 09:01:07

Job time : 1 secs

Total number of hits satisfying chosen parameters: 1

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 45 summaries

database : US09758003.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

result No.	Query Score	Match Length	DB ID	Description
1	111.5	18.8	671	US-09-758-003-2

Sequence 2, Appli

ALIGNMENTS

result No.	Query Score	Match Length	DB ID	Description
1	111.5	18.8	671	US-09-758-003-2

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

Sequence 2, Application US/09758003

GENERAL INFORMATION:

APPLICANT: BAICHWAL, VIJAY R

HUANG, JIATING

HSU, HAILING

GOBDELL, DAVID V

TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS

RESULT 1

US-09-758-003-2

Sequence 2, Application US/09758003

GENERAL INFORMATION:

APPLICANT: BAICHWAL, VIJAY R

HUANG, JIATING

HSU, HAILING

GOBDELL, DAVID V

TITLE OF INVENTION: RIP: NOVEL HUMAN PROTEIN INVOLVED IN TUMOR NECROSIS FACTOR SIGNAL TRANSDUCTION, AND SCREENING ASSAYS

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

SCIENCE & TECHNOLOGY LAW GROUP

STREET: 75 DENISE DRIVE

CITY: HILLSBOROUGH

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94010

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09-758-003

FILING DATE: 09-Jan-2001

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